



16W

Attorney Docket No. 016891-0857

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mitsuasa TAKAHASHI  
Title: METHOD FOR MANUFACTURING THIN FILM  
TRANSISTOR  
Application No.: 10/617,170  
Filing Date: July 11, 2003  
Examiner: Anya, Igwe U.  
Art Unit: 2825

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed document is being submitted in compliance with 37 CFR §1.97(i), and is being submitted after the payment of the issue fee, but before the issuance of the patent. In accordance with the provisions of 37 CFR §1.97(i), the reference will be put in the file at the PTO, but will not be considered.

**RELEVANCE OF EACH DOCUMENT**

Any documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Japanese application. Item of information A1, A2 and A3 are U.S. patents that is a counterpart to item of information A4. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609).

A translation of a portion of a Japanese Office Action that issued January 4, 2005 with respect to a counterpart Japanese patent application is provided below.

“Reasons 1-2

Claims 1-4  
References 1-2

Remarks

Regarding Claims 1, 3-4

Please especially refer to Paragraphs 19-43 of Reference 1.

Regarding Claim 2

The injection conditions for the invention of Reference 2 (Dose  $1 \times 10^{12}$ - $1 \times 10^{17}$  atoms/cm $^2$ , acceleration voltage 5-80 eV) are the same as the working example cited in the concise explanation of the subject invention. Hence, the quasi-fermi level ration is understood to be in the range of 0.5 – 2.0.

**Index of Cited References**

1. JP 2002-107760
2. JP 11-087731”

Applicant's statements regarding the Japanese Office Action are based on a partial translation that Applicant's representative obtained. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Japanese Office Action.

**STATEMENT**

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.

Respectfully submitted,

Date March 29, 2005

By Phillip J. Articola

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5300  
Facsimile: (202) 672-5399

David A. Blumenthal  
Registration No. 26,257  
  
Phillip J. Articola  
Registration No. 38,819

MAR 29 2005

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

**U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/617,170
Date Submitted: March 29, 2005				Filing Date	07/11/2003
(use as many sheets as necessary)				First Named Inventor	Mitsuasa TAKAHASHI
Sheet	1	of	1	Group Art Unit	2825
				Examiner Name	Anya, Igwe U.
				Attorney Docket Number	016891-0857

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.